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FILE COPY

OFFICIAL REPORT

Boiler Explosion - November 23, 1990

Pacific Northern Oil - Port of Seattle, Pier 91

City of Seattle, Washington

USEPA RCRA
3012625

submitted by D.W. Gentry, Chief Boiler Inspector
City of Seattle, Department of Construction & Land Use, Boiler Inspection Section

RECEIVED
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CHEMICAL PROCESSORS, INC.
CORPORATE OFFICE

At approximately 1420 on Friday, November 23, 1990, a steam boiler explosion occurred at Pacific Northern Oil, 2001 West Garfield Street, on the Port of Seattle's Pier 91. There was one fatality.

Boiler Data

The boiler is a 1951 Gabriel two-pass scotch marine dryback boiler, six feet in diameter and approximately twelve feet in length. The manufacturers serial number is 732, National Board number 566 with a maximum allowable working pressure of 100 psi. The adamson type furnace consists of two - 66 inch courses, three feet in diameter and joined in the center by a riveted flange. Both furnace-to-tube sheet joints are welded joints. Two - 2 inch safety valve and one - 5 inch steam outlet nozzles are provided. There are 122 two-inch tubes. Tube sheet reinforcement is provided by doubler plates.

The boiler was equipped with an operating pressure control, a high pressure control with manual reset and a third pressure control for firing rate control. The boiler was equipped with two safety valves. One safety valve was properly labeled/stamped while the label was missing from the second valve. The labeled valve was set to lift at 100 psi and was satisfactorily tested on December 4, 1990, by an authorized safety valve testing and repair facility. The unlabeled valve was damaged to the extent that testing was not possible. Neither safety valve was properly sealed. All three pressure controls were also damaged and not testable.

The manufacturers advertised dry weight of the boiler (without burner) is 17,000 pounds. The approximate water volume and water weight during normal operation are 1200 gallons and 10,000 pounds respectively (calculated assuming the boiler was 85 percent full).

The boiler is skid mounted (fitted with two welded saddles which were bolted to a pair of parallel skids).

The boiler had not been previously used in the City of Seattle.

The City of Seattle was not aware of this installation.

Burner Data

According the boiler owner, Bosler Energy Systems, the boiler was equipped with a Ray burner, Type PCPF, Size 6 with an input capability of 6.7 to 8.4 million BTU's per hour. The burner, while attached to the subject boiler, had been test fired at the Bosler shop prior to delivery.

Background and Prior Events

The boiler, a rental unit owned by Bosler Energy Systems of Woodinville, Washington, was delivered a few days prior to the accident. The boiler was to be used by Pacific Northern Oil on a temporary basis while their own boiler was down for maintenance and inspection. Among their activities, Pacific Northern Oil transfers and stores heavy oil. Boiler steam is used to heat the heavy oil to facilitate oil transfer. The rental boiler was to allow Pacific Northern Oil to continue their process while their permanent boiler was down. The boiler was located outdoors, near Building 24, and the burner end was partially protected by a plywood partial enclosure.

During the morning of November 23, 1990, Craig Scott Bosler (of Bosler Energy Systems) arrived at Pacific Northern Oil to complete the installation of the boiler. David W. Rowland, a supervisor for Pacific Northern Oil, reportedly observed Mr. Bosler as early as 0945 (Mr. Bosler's gate pass indicates an arrival time of 1031). The boiler had not been operated (on site) up to this time as the two rental fuel oil tanks were filled (per Rowland) from Pacific Northern Oil's reserves on this day. The boiler was reportedly slated to go into operation the following Monday. Pacific Northern Oil's permanent boiler, a 150 psi scotch boiler, was in operation on this day up to, and including, the time of the explosion.

After his 0945 observation, Mr. Rowland observed Mr. Bosler at work several times and between 1100 and 1200 was advised by Mr. Bosler that he was to start the rental boiler and shut down the Pacific Northern Oil boiler provided that the rental boiler was working well and running properly. Sometime later, Mr. Rowland assisted Mr. Bosler in moving some hoses (including, but not limited to, the two steam hoses between the boiler and Pacific Northern Oil's outdoor steam header). At least some hoses were attached to a fence than runs east-west on the east side of the boiler. Mr. Rowland stated that the hoses were not warm or hot. Mr. Rowland believed Mr. Bosler to be in good demeanor, not tired and saw no evidence of intoxication or medication.

At the time of the accident, Rowland was on top of Pacific Northern Oil's storage tank #102 (approximately 150 feet from the rental boiler) when he was struck by unknown objects and, out of the corner of his eye, he saw, then heard a loud explosion. The force of the explosion knocked Rowland off the tank's gauge hatch and on to the top of the tank. He described the explosion as a singular boom rather than a sharp crack, with no abnormal noise preceding the explosion.

Mr. Rowland stated that he was down from tank top in only one minute and ran to where the rental boiler should have been and looked for Mr. Bosler. Rowland met Nathan E. Mathews of Chemical (CHEMPRO) Processors, Inc. as Mr. Mathews also came running to the scene. Acting on Mathews advice, Rowland called 911 to report the explosion and then began checking the area for damage. Mathews went into the "electrical shack" and secured power to the Pacific Northern Oil boiler and began searching the area again. Rowland also secured the Pacific Northern Oil main boiler by shutting the steam outlet to stop the flow of steam from a steam header valve that was broken during the explosion. This steam flow was outside, near the rental boiler original location, and was inhibiting verbal communication and adding to the general confusion.

Failure

At approximately 1420, the parent metal of the furnace tube ruptured adjacent to the furnace-to-rear tube sheet joint. The failure is at the bottom of the furnace tube and extends circumferentially in both directions along the welded joint and, later, out into the parent metal of the furnace, away from the joint. The boiler was under steaming conditions but the actual pressure at the time of failure is not known.

The front (burner) end of the boiler was originally facing north. The rear door of the boiler was blown off. The boiler, propelled by expanding steam, moved rapidly to the north at, or near, the ground. The ground was wet from rain and there was a thin oil film in the general area of the original boiler location reducing friction between the boiler and ground. Mr. Bosler was positioned in front of the leading end of the boiler, was struck and died instantly, and was carried with the boiler until the boiler came into contact with two of four concrete filled steel posts that surrounded, and were intended to protect, a fire hydrant. Following this contact, the victim was separated from the boiler and came to rest on the pavement approximately 690 feet from the original boiler location (off to the right of the boilers path). One of two safety valves was found next to, and against, the victim.

The boiler continued straight ahead and struck two new imported motor vehicles, completely destroying one. The second vehicle was badly damaged and was propelled by contact with the boiler several hundred feet at approximately 45 degrees to the left of the boilers path. Boiler contact with the ground appears to have increased here having lost some energy upon contact with the two vehicles. From approximately the midpoint of full travel to three fourths of full travel, most of the debris was found including controls, the second safety valve, refractory material, sheet metal jacket material, piping, burner components and controls, low water cutoffs, the oil pump, the main steam outlet piping and other materials and components damaged beyond identification. Distances of major components from the original boiler location are shown on an attachment to this report.

Near the end of travel, the boiler appears to have come in continuous contact with the ground and rolled off to the right of the main path, ultimately coming to rest 1109 feet from the original location. The boiler came to rest in position nearly opposite the original position such that if horizontal (parallel to the ground) rotation was in the clockwise direction, the boiler would have rotated approximately 150 degrees. This is stated only to describe the final position of the boiler and not to rule out several possible horizontal (and other) rotations. The cylindrical portion of the rear smokebox was found adjacent to the boiler.

Skid marks and gouges in the blacktop surface along the path of travel indicate that boiler movement, other than it's northerly travel, was limited to a mixture of horizontal and axial rotation. This is based on a comparison between the lack of deep gouges (only one major gouge was found) in the relatively soft pavement material and the approximate nine ton weight (at this point of travel) of the boiler.

The boiler traveled through a very large parking lot used to temporarily store motor vehicles imported from overseas. The major destructive path of the boiler was narrow in that only one adjacent row of vehicles suffered significant damage from heavy objects and/or debris (several other cars suffered lesser damage from flying debris).

The original thickness of the furnace was 7/16 inch. The furnace has suffered significant thinning in the area of the failure with some ultrasonic thickness readings in the area at 1/8 inch and less. The pattern of thinning is unusual in that the thinned area is quite smooth, proportional and is on the fireside of the furnace. When viewed from the rear end of the boiler, the thinning begins at approximately four o'clock and, moving clockwise, the furnace thickness decreases at a constant rate, with distance, until approximately six o'clock where, continuing clockwise, the furnace thickness begins to increase and reaches full thickness at approximately the eight o'clock position. In the past, the furnace suffered circumferential cracking at, or near, the rear tube sheet. One circumferential weld repair appears to be of standard quality while a second shorter weld appears to be of questionable quality (apparently a "surface only pass" to "cover" a crack).

Conclusions

Cause

At this time, the cause of the failure is attributed to the thinning of the furnace metal in the area of the failure. The thinned material likely ruptured at a pressure below 100 psi (calculations based on ultrasonic thickness readings indicated a maximum pressure of as low as 27 psi per current ASME code requirements; copies of the 1952 ASME requirements have been applied for).

[Since the first draft of this report, copies of the applicable sections of the 1952 Boiler and Pressure Vessel Code have been obtained. Calculations made per 1952 requirements return a negative value (less than zero MAWP), minimum allowed furnace thickness at that time being 5/16 inch]

Possible contributing cause

A new crack, existing crack or partially (improperly) repaired crack may have existed and/or continued to propagate at the point of failure.

Other possibilities ruled out

Over-pressurization was considered as there was a potential for cross connection with the permanently installed 150 psi boiler. The valves required for cross connection were however, checked shut immediately after the incident. During the investigation, valve position (on the steam header) was verified shut. The second valve, still connected to a steam hose that was torn away, was found partially open but had travelled across the ground during which the valve hand wheel was destroyed. The partial opening could have easily occurred at that time.

The safety valves were not properly sealed however, one of the two valves, as reported above, was satisfactorily tested. The second valve was damaged too badly to test.

In addition, the victim was in the process of finishing the installation, was almost constantly around the boiler and was a licensed steam engineer. Based on this, an over-pressure condition was unlikely.

Low water failure was considered and dismissed as there is no readily apparent evidence of local overheating of the furnace, the boiler was under nearly constant attendance by a licensed person, steam was not being drawn off the boiler, there were no reports of escaping steam prior to the explosion, the furnace failed from the bottom and the amount of force involved in this explosion, resulting in a tremendous "steam rocket" effect, would, by our estimation, require a significantly larger quantity of water than that which would be present in an extreme low water condition.

Follow Up

The boiler is one of four identical (sister) boilers that were obtained by Bosler Energy four or more years ago (exact date not established). The boilers were built by Gabriel for the U.S. Army Corps of Engineers and were operated at the U.S. Army's Firing Range in Yakima, (eastern) Washington until a time shortly before Bosler ownership. Two of these boilers remain on Bosler property and will be maintained there until this investigation has been completed and will then be scrapped.

Inspection of one of these two remaining boilers revealed a pattern of thinning nearly identical to, and somewhat more evident than, that found in the failed boiler. This sister boiler, like the failed boiler, has two longitudinal seams in each furnace course with the rear course having these seams at the bottom and the front course having the seams at the top. It is not known if two longitudinal seams was standard practice for Gabriel at the time of manufacture. Additionally, one should note that the two welds differ in apparent quality and, possibly, welding process. One seam, based on appearance the better of the two, may have existed prior to rolling. This weld is currently recessed from an erosion rate greater than that of the surrounding parent metal. The second weld still has visible excess (reinforcement) material. With the above in mind, we began to track down the fourth "sister" and other similar Gabriel boilers.

The fourth Bosler boiler had been sold to a processing company in Alaska who was quickly advised by Bosler Energy of the failure of it's sister boiler. The writer has also advised the Chief Mechanical (boiler) Inspector of the State of Alaska who has advised us that the Alaskan boiler is down and open for inspection.

Further investigation revealed a second group of four boilers from the Army's Firing Range that were salvaged by a different company. These boilers have been accounted for; only one is currently in operation and the insurance

company inspectors for this boiler have been advised by the State of Washington (the boiler is under State jurisdiction) and appropriate inspections will be made.

Continued investigation turned up a third and final set of four boilers. All four are in State of Washington jurisdiction and have been accounted for.

We have searched our database for any Gabriel scotch boilers currently on record. Inspections of some of these boilers have been made and others will continue to be made. Based on inspections to date, the unusual pattern of thinning appears to be unique to those boilers obtained from the Yakima Firing Center. Further information in this area, if important to this investigation, will be included in a supplementary report.

We have outstanding letters requesting additional historical information from the Yakima Firing Range for our records.

We have outstanding requests for information on past inspections at the Firing Center from Hartford Steam Boiler as the Firing Center reported that Hartford made inspections on a six month interval.

We are currently in the process of arranging for metallurgical examination of the failed area of the boiler. Results of this work will be documented in a supplementary report. We hope that this examination will shed some light on the cause of the unusual thinning found in the boiler as this remains a mystery.

Key Personnel

Chief Investigator

D.W. Gentry, Chief Boiler Inspector, City of Seattle, Washington

Staff Investigators

Giovanni Ranieri	City of Seattle Boiler Inspector
Carl Edelman	City of Seattle Boiler Inspector
George Folta	City of Seattle Boiler Inspector
James McClinton	City of Seattle Boiler Inspector

Coordinated Technical Investigations

Richard Barkdoll, Chief Boiler Inspector, State of Washington

Coordinated Investigations

Detective Sergeant Jerry Alexander, Port of Seattle Police

Other Investigating Agencies

Glenn Harvey, Safety Inspector, State of Washington, Labor & Industries, Safety & Health

Attachments

1 - Manufacturers Data Report
2 - Boiler Fireman License, Craig S. Bosler
3 - Gabriel Boiler General Information

5. Boiler Shell: Drums: No. One Diam. ..... Length ..... ft. ..... in. Diam. ..... Length ..... ft. ..... in.

Diam. ..... Length ..... ft. ..... in. Diam. ..... Length ..... ft. ..... in. Diam. ..... Length ..... ft. ..... in.

6. ..... SA-285 ..... 3/8" .....
(For each Drum, state: Steel Manufacturer's Brand; Material Specification Number; Thickness)

7. (a) Longitudinal Joint ..... fusion welded, butt .....
(Seamless, Fusion or Forge Welded, Riveted—Lap or Butt—Single, Double, Triple, or Quadruple)

(b) Rivets (Diameter and Material Specification No.) Rivet Holes (Diameter and Pitch) Eff. of Long. Joint ..... 90 ..... % (As compared to shell plates)

8. (a) Tube Sheet SA-285, 1/2" (Brand, Mat. Spec. No.; Thickness) Reinforcement 1 full dblr. 1/2" (No. and Thickness of Strips) Rivets (No. Rows; Mat. Spec. No.; Hole Diam. and Pitch)

(b) Tube Holes 2-17/32 (Diameter) Pitch 3½ x 3½" 60 deg. (Longitudinal and Girth) Eff. of Tube Ligament ..... % (Compared to shell plates)

9. Girth Joints (Seamless, Fusion or Forge Welded, Riveted—Lap or Butt) Rivet Holes (No. rows—Diam. and Pitch) No. of Courses .....

10. Heads ..... (Brand; Material Specification No.; Thickness—Flat, Dished, Ellipsoidal—Radius of Dish—State if either head has manhole)

11. Boiler Tubes: No. 122-SA-192-stght (Mat. Spec. No.—Straight or Bent) Diam. 2½" Length 11'0" (If various, give maximum and minimum lengths) Gage 12 ga. (or thickness)

12. Headers: No. ..... (Box or Sinuous; Mat. Spec. No.; Thickness) Heads or Ends ..... (Shape; Mat. Spec. No.; Thickness) Hydro. Test .....

13. Mud Drum ..... (Shape; Size; Mat. Spec. No.; Thickness) Heads or Ends ..... (Shape; Mat. Spec. No.; Thickness) Hydro. Test .....

14. (a) Waterwalls: Headers, No. ..... (Shape; Size; Mat. Spec. No.; Thickness) Heads or Ends ..... (Shape; Mat. Spec. No.; Thickness) Hydro. Test .....

(b) Tube Holes ..... (Diam. and Pitch) Tubes ..... (Diam., Length; Mat. Spec. No.) Gage ..... (or thickness) Heating Surface ..... sq. ft.

15. (a) Superheater: Headers, No. ..... (Shape; Size; Mat. Spec. No.; Thickness) Heads or Ends ..... (Shape; Mat. Spec. No.; Thickness) Hydro. Test .....

(b) Tube Holes ..... (Diam. and Pitch) Tubes ..... (Diameter; Length; Material Specification No.) Gage ..... (or thickness)

16.

Stays or Braces	Material Spec No.	Type	No.	Size	Welded or Weldless	Total Net Area	Fig. P-246 L/I	Dist. Tubes to Shell	Area to Be Stayed	Max. S.W.P.
(a) F. H. above tubes										
(b) R. H. above tubes										
(c) F. H. below tubes	FULL DBLR. STAYS NOT REQUIRED									
(d) R. H. below tubes										
(e) Through below tubes										
(f) Dome braces										

17. Staybolts ..... (Material Specification No.; Diameter; Size Telltale; Net Area) Pitch ..... (Hor. or Vert.) Max. S.W.P. .....

18. (a) Dome: Diam. ..... (Mat. Spec. No.; Thickness) Longitudinal Seam ..... (Seamless, Fusion or Forge W.; Riveted—Lap or Butt—S. D. T. Q.) Eff. ..... % How secured to shell ..... (Rad. Needle—Riveted; S. D.

(b) Opening in shell ..... (Diameter—Area of Reinforcement and Rivetting) Head ..... (Shape; Radius of Dish; Material Specification No.; Thickness)

19. (a) Furnace: No. one Size 35-1/8" (Int. Diam. or L x W x H) Length, each Section 66 in. Total 132 in. Type Adams (Plain, Adamson, or C

SA-285 7/16" (Brand, Mat. Spec. No.; Thickness) (b) Seams: Type fusion welded butt (Seamless, Fusion or Forge W., Riveted, Lap or Butt) Location stggr. ctr. line (Seam)

20. Openings: (a) Steam one 5" Ø nozzle (No., Size, and Type of Nozzles or Outlets) (b) Safety Valve two 2" Ø scrd. (No., Size, and Type of Nozzles or Out

(c) Blowoff one 1½" scrd. bott. shell (No., Size, Type, and Location of Outlets) (d) Feed two 1½" Ø scrd. shell s (No., Size, Type, and Location of Connections)

(e) Manholes: No. one Size 11 x 15 Location top shell full dblr. (How Reinforced)

(f) Handholes: No. 4 Size 3½ x 4½ Location 2 in shell, 2 in head (How Reinforced)

21. Fusible Plug (If Used) one 3/4" Ø RH code (No., Diam., Location, Mfrs. Stamp) Boiler Supports: No. two steel saddles, welded (Hangers or Lugs; Riveted or Welded)

22. Fusion Welding Complies With Paragraphs: P-101-115 and P-268

23. Bursting Pressure 500 shell (Indicate Weakest Part) psi Max. S.W.P. 100 psi F. S. 5 Heating Surface 1042 sq. ft. (Total)

24. Hydrostatic Tests: (a) ..... lb (Welded Drums) (b) ..... lb (Riveted Drums) (c) 150 (Completed Boiler)

MANUFACTURERS' DATA REPORT—ALL TYPES OF BOILERS

As Required by the Provisions of the A. S. M. E. Code Rules and National Board

E- 1172

1. Manufactured by Gabriel Fabrication & Erection Co., Portland, Oregon (Name and address of manufacturer)

2. Manufactured for U.S. Army Corps of Engineers, Seattle, Washington (Name and address of purchaser)

3. Type Scotch (H.R.T.—Loco.—Compact—Marine) Boiler No. 732 (Mfrs. Serial No.) (State and State No.) 566 Natl. Board No. Year Built 1951

4. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME Boiler Code. The design, construction, and workmanship conform to ASME Rules, Section I, VI and Appendix (I, III, IV, or V)

Remarks: Manufacturer's Data Records properly identified and signed by Commissioned Inspectors, have been furnished for the following items of this report: entire boiler (Name of Part—Item number, manufacturer's name, and identifying stamp)

We certify the statement in this data report to be correct.

Date JUNE 25, 19 51 Signed Gabriel Fabrication & Erection Co. (Manufacturer) Representative

Certificate of Authorization Expires Dec. 31, 19 51

CERTIFICATE OF BOILER SHOP INSPECTION

JAN 23 1952

National Board Serial Number 566

BOILER WORKS OF Gabriel Fabrication & Erection Co. Portland, Oregon

I, the undersigned, inspector of steam boilers employed by Bureau of Labor

of Oregon, have inspected the boiler referred to as data items all

and have examined manufacturers' data for items

and certify that the material, construction, and workmanship are in accordance with ASME Boiler Code Rules.

DATE 6/25/51, 19 Inspector Commission NB3173 State or Natl. Board and No.

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

I, the undersigned, inspector of steam boilers employed by

of , have compared the statement in this manufacturer's data report with the completed boiler and certify that parts referred to as data items

, not included in certificate of shop inspection, are in accordance with the requirements of the ASME Boiler Code. The completed boiler was inspected and subjected to a hydrostatic test of psi

DATE , 19 Inspector Commission State or Natl. Board and No.

NORTHWEST BUSINESS FORMS, INC. — SEATTLE

ISSUE DATE:	EXPIRES: 09/30/91	CUSTOMER NUMBER 0079058 000
092590	LICENSE TYPE: ENGINEER, BOILER FIREMAN 4	
BUSINESS ADDRESS	CRAIG S BOSLER 16003 MARKET ST SNOHOMISH WA 98290	
MAILING ADDRESS	16003 MARKET ST SNOHOMISH WA 98290 15 LIMITATION NONE	

BLT 103

CONTROL NUMBER 106010

Our boilers are manufactured in Portland, Oregon, and prompt deliveries are possible.
Gabriel Scotch Marine Boilers are all furnished with standard boiler trim including: Safety Valve, Steam Pressure Gage, Syphon Tube, 3 Try Cocks, Water Glass Set, Water Column and one Blowdown Valve, and injector piped for assembly.

Gabriel Scotch Marine Boilers are certified and guaranteed in material and workmanship for a period of one year from date of purchase with Standard Manufacturer's Guarantee.
Full automatic equipment is supplied at extra cost.

Gabriel Scotch Marine Boilers are truly "Reserve Power" Boilers of highest quality obtainable. Scotch Marine Boilers can be easily cleaned internally by removing handhole plates. This keeps the efficiency of any type boiler at a maximum.

GABRIEL SCOTCH BOILERS

THRIFTY PROVEN DESIGN

BOILER NUMBER	S-6	S-10	S-15	S-20	S-25	S-32	S-40	S-50	S-60	S-80	S-100	S-120
Horsepower, Oil, Gas, Stoker	7½	12½	20	25	30	40	50	62½	75	100	125	150
Rating—B.T.U. Per Hour—1000's	250	416	666	832	999	1332	1665	2081	2497	3330	4162	4995
Rating—Steam Radiation—Sq. Ft.	1040	1740	2780	3480	4160	5660	6950	8700	10,400	13,900	17,300	20,800
Heating Surface—A&ME—Sq. Ft.	60	100	155	200	248	337	400	500	600	800	1000	1200
Diameter of Shell, O.D.—Inches	42	44	44	48	52	58	58	66	66	72	79	79
Length of Boiler	6'0"	6'6"	9'0"	9'6"	10'0"	10'6"	10'8"	11'0"	15'0"	15'3"	15'6"	17'6"
Height of Boiler	4'6"	5'2"	5'2"	5'6"	5'10"	6'4"	6'4"	7'0"	7'0"	7'6"	8'1"	8'1"
Width of Boiler with Standard Trim	4'2"	4'8"	4'8"	5'0"	5'4"	5'10"	5'10"	6'6"	6'6"	7'0"	7'7"	7'7"
Length of Tubes—Inches	44	48	72	77	82	84	86	90	131	132	133	160
Diameter of Tubes—Inches	2½	2½	2½	2½	2½	2½	2½	3	3	3	3	3
Diameter of Furnace—Inches	22	24	24	26	28	30	30	32	32	36	36	36
Size of Smoke Outlet—Inches	6x18	8x22	8x22	9x36	9x36	10x36	10x36	10x36	12x36	15x40	15x58	16x60
Size of Steam Outlet—Inches	2	2	2	2	2½	2½	3	3	4	5	6	6
Size of Blow-off Opening—Inches	1	1¼	1¼	1¼	1¼	1¼	2	2	2	2	2	2
Size of Feed Opening—Inches	1	1¼	1¼	1¼	1¼	1¼	1¼	1½	1½	1½	1½	1½
Diameter of Stack for Oil Firing—Inches	12	14	16	18	18	20	20	22	24	28	30	32
Height of Stack for Oil Firing—feet	25	25	25	30	35	40	45	60	60	60	65	65
Water Content to Normal Water Line—gallons	150	168	295	295	326	496	503	595	920	1200	1330	1800
Insulated Area Required—square feet	50	60	85	112	125	132	135	160	213	254	290	308
Weight of Boiler—pounds	3600	4800	6000	7000	7600	8500	9200	10,500	12,000	14,000	17,000	21,000

Installation diagrams and operation manual for standard assembly available with boilers.

All boilers furnished with standard trim.

Boilers designed and built for 100 lbs., 125 lbs. and 150 lbs. working pressure.

Boilers can be constructed to special design and size.

Factory insulation optional at small additional cost.

Boilers can be built with steam domes if desired, at a slight extra cost.

Efficient, rugged, portable, quick steaming, reserve capacity.

The Manufacturer reserves the right to change specifications which we consider an improvement from an engineering or manufacturing standpoint.

Attachment 3

On 11-23-90 the Chempro Pio Rd facility implemented the contingency plan. (See Attached) Ron Atwood, Puget Sound Plant Division Manager, Peter Rosler, Chempros Senior Compliance officer and Bob Schmidt, Chempros Health & Safety Manager were notified.

There were no injuries to any Chempro employees or any other personnel or employee.

There was 1 fatality; the Coleman from Bosco Energy Systems who was setting up the coils for Pacific Northern Oil Co.

There was no damage to treatment or storage tanks.

On November 23,1990, Nathan Mathews, Chempro Pier 91 Facility Manager was at the facility to catch up on some work. This day was a company holiday so no other Chempro employees were at the facility. Pacific Northern Oil, a sub lessor of the facility had people working at the facility on that day. An employee from Bosler Energy Systems was also presant at the facility. The Bosler employee was working on installing a rental boiler which had been contracted for by Pacific Northern Oil. The rental boiler was being set up to the east of the Chempro truck unloading area, just outside the Chempro property line and on Terminal 91 property.

At approx. 2:15 pm, Nathan had finished his project and got in his car to go home. When he arrived at the security guard station at the entrance to Terminal 91, the security guard told him there had been an explosion in the vicinity of the Chempro facility.

Nathan returned to the facility and found that the boiler rented from Bosler Energy Systems by Pacific Northern Oil had exploded and was no longer in its location. Nathan instructed a Pacific Northern Oil employee to call 911 while he searched for the boiler operator and boiler. The boiler was located some 300 yards north of the position it had originally been in. It was immediately apparant that the boiler operator had died instantly.

Nathan assessed the damage and determined there was no threat of release from any Chempro processes to the environment. He noted that a fuel tank used to supply diesel fuel to the rental boiler located outside Chempro property had ruptured and there was diesel oil on the ground. The ground on the entire Terminal 91 complex is paved, and the only avenue for release of the diesel to the environment is via storm drains which go to the Metro system.

Nathan contacted Chempro EC contact people including the Division Manager, Regulatory Affairs emergency-on-call personnel and Health and Safety on-call personnel. The determination was made that since the boiler was not Chempro owned, leased, or operated equipment and was not located on Chempro property, and because Chempro equipment posed no threat to human health or release to the environment, that the incident did not call for implementation of the Chempro Emergency Response Plan. However, because Chempro posseses the expetise and equipment to deal with emergency situations, it was decided that Chempro personnel and equipment would be donated to assist Pacific Northern Oil, the Seattle Fire Dept. and the Port of Seattle Police in responding to the situation.

Chempro personnel notified Metro of the potential of oil in their system, and Chempro personnel and equipment contained and cleaned up the oil spill. Chempro personnel also assisted in searching for the remains of the boiler operator and recovering parts of the boiler as well as preserving the scene for investigators.

Because the incident did not involve Chempro equipment nor was there a threat to human health or the environment directly or indirectly resulting form Chempro equipment or personnel, it was determined that the incident did not constitute the implementation of the emergency contingency plan.

Jon Atwood
DIVISION MGR

Attachment 4

Attachment 7

WASTE RECEIPTS
PIER 91

DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
08/28/90	34646	12		12	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
08/28/90	34647	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2400	0	30.0	1.0	0	6.0	.F.	.F.	.F.	M	
08/28/90	34648	P07500		P07500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	4600	0	60.0	2.6	0	6.0	.F.	.F.	.F.	D	
08/28/90	34649	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	1.0	0.4	0	0.0	.F.	.F.	.F.		107
08/28/90	34650	L08000		L08000	ULW105	OIL IN H2O BSW > 85% THERM CHEM TREAT	NH	N	200	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
08/29/90	34651	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8500	1.6	1.6	0	0.0	.F.	.F.	.F.		107
08/29/90	34652	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.T.	.F.	105	
08/29/90	34653	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3000	0.2	0.2	0	0.0	.F.	.F.	.F.		107
08/29/90	34654	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1700	0.6	0.2	0	0.0	.F.	.F.	.F.		112
08/29/90	34655	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	400	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
08/30/90	34656	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	1.2	1.2	0	0.0	.F.	.F.	.F.		112
08/30/90	34657	A09000	03314	A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH		1500	0	0.0	0.0	0	8.0	.F.	.T.	.F.	M	
08/30/90	34658	B08050	A2704	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		4600	0	0.0	0.0	0	8.0	.F.	.T.	.T.	110	
08/30/90	34659	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1875	0.8	0.8	0	0.0	.F.	.F.	.F.		107
08/30/90	34660	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	0.6	0.3	0	0.0	.F.	.F.	.F.		107
08/30/90	34661	P07500		P07500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	10587	0	0.0	0.0	0	8.0	.F.	.F.	.F.	109	
08/31/90	34662	P07500		P07500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2500	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
08/31/90	34663	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	12.0	0.4	0	0.0	.F.	.F.	.F.		112
08/31/90	34664	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	0.3	0.3	0	0.0	.F.	.F.	.F.		107
08/31/90	34665	F05650		F05650	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	100	0.2	0.2	0	0.0	.F.	.F.	.F.		107
08/31/90	34666	B08050	A2792	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	M	
08/31/90	34667	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	0.2	0.2	0	0.0	.F.	.F.	.F.		107
08/31/90	34668	B08040	A2763	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1850	0	0.0	0.0	0	7.0	.F.	.F.	.F.	M	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
08/31/90	34663	A09000		A09000	ULW105	OIL IN H2O BSW 0 85% THERM CHEM TREAT	NH	N	1900	0	0.0	0.0	0	8.0	.F.	.F.	.F.	B	
08/31/90	34670	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1850	1.8	0.4	0	0.0	.F.	.F.	.F.		107
09/04/90	34671	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1820	0.2	0.2	0	0.0	.F.	.F.	.F.		107
09/04/90	34672	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2600	2.2	0.6	0	0.0	.F.	.F.	.F.		107
09/04/90	34673	B08060	A2777	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
09/04/90	34674	1	17388	6	ELW104	WATER W/PHENOL - NON-PCPA WASTE LIQUID	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	M	
09/04/90	34675	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1850	2.2	0.6	0	0.0	.F.	.F.	.F.		112
09/04/90	34676	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	0.4	0.4	0	0.0	.F.	.F.	.F.		112
09/04/90	34677	P07500		P07500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	11164	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	
09/04/90	34678	V04000		V04000	ULW200	BOPON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.T.	.F.	110/105	
09/05/90	34679	P23000		6	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	5000	1.2	1.0	0	0.0	.F.	.F.	.F.		107
09/05/90	34680	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1775	0.8	0.8	0	0.0	.F.	.F.	.F.		107
09/05/90	34681	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1500	6.0	6.0	0	0.0	.F.	.F.	.F.		112
09/05/90	34682	P23000		6	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	5000	0.4	0.4	0	0.0	.F.	.F.	.F.		112
09/05/90	34683	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	0	2000	16.0	0.2	0	0.0	.F.	.F.	.F.		112
09/05/90	34684	E11000		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	300	0	0.0	0.0	0	9.0	.F.	.F.	.F.	B	
09/05/90	34685	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2400	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/05/90	34686	B08050	A2862	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3000	0	0.0	0.0	0	8.0	.F.	.F.	.T.	J	
09/06/90	34687	B08050	A2870	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		3200	0	0.0	0.0	0	6.0	.F.	.F.	.F.	M/L	
09/06/90	34688	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1600	1.8	0.4	0	0.0	.F.	.F.	.F.		107
09/06/90	34689	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	2400	0	0.0	0.0	0	8.0	.F.	.F.	.F.	A	
09/06/90	34690	B08060	A2881	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	L	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BSW	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/06/90	34691	B08040	A2879	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	M	
09/06/90	34692	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	0	2000	16.0	0.2	0	0.0	.F.	.F.	.F.		112
09/06/90	34693	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3000	12.0	0.4	0	0.0	.F.	.F.	.F.		112
09/06/90	34694	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8400	4.0	0.8	0	0.0	.F.	.F.	.F.		107
09/06/90	34695	5		5	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1533	0	0.0	0.0	0	0.0	.F.	.F.	.F.	103	
09/06/90	34696	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1566	1.0	0.2	0	0.0	.F.	.F.	.F.		107
09/07/90	34697	B06045	A2884	6	ULW012	NON-REGULATED (WATER,OIL,SCAP) (E-1)	DW		4000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	M	
09/07/90	34698	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3500	0.8	0.8	0	0.0	.F.	.F.	.F.		107
09/07/90	34699	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.2	0.2	0	0.0	.F.	.F.	.F.		114
09/07/90	34700	R07450		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	B	
09/07/90	34701	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1375	22.0	1.0	0	0.0	.F.	.F.	.F.		112
09/07/90	34702	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	1.2	0.4	0	0.0	.F.	.F.	.F.		114
09/07/90	34703	5		2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	533	0	0.0	0.0	0	9.8	.F.	.F.	.F.	108	
09/08/90	34704	5		2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2387	0	0.0	0.0	0	9.2	.F.	.F.	.F.	108	
09/09/90	34705	5		2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	4135	0	0.0	0.0	0	9.6	.F.	.F.	.F.	105	
09/09/90	34706	P07500			ULW100	NON HAZARDOUS WASTEWATER	NH	N	9274	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
09/10/90	34707	P24300			ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	750	0	0.0	0.0	0	8.0	.F.	.F.	.F.	E	
09/10/90	34708	B08000	A2934	6	MLO010	NON-RCRA WASTE LIQUID (MINERAL OIL) (F-1)	DW		0	5000	6.0	0.0	0	0.0	.F.	.F.	.F.		112
09/10/90	34709	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1250	1.0	1.0	0	0.0	.F.	.F.	.F.		107
09/10/90	34710	R07450		9	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	A/E	
09/10/90	34711	K05500		9	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	750	0	0.0	0.0	0	8.0	.F.	.F.	.F.	E	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/10/90	34712	F16000		W08650	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	7900	8.0	0.8	0	0.0	.F.	.F.	.F.		114
09/10/90	34713	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.2	0.2	0	0.0	.F.	.F.	.F.		107
09/10/90	34714	1	17412	6	ELE172	NON RCRA LIQUID WASTE (PHENOLIC WATER)	DW		4400	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
09/10/90	34715	B08060	A2952	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
09/10/90	34716	FC5850		FC5850	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	100	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/10/90	34717	5		2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3395	0	0.0	0.0	0	7.5	.F.	.F.	.F.	109	
09/11/90	34718	V04CCC		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	109	
09/11/90	34719	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1900	6.0	0.8	0	0.0	.F.	.F.	.F.		114
09/11/90	34720	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1300	0.6	0.2	0	0.0	.F.	.F.	.F.		107
09/11/90	34721	5		2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	4845	0	0.0	0.0	0	8.0	.F.	.F.	.F.	109	
09/11/90	34722	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	9850	6.0	0.4	0	0.0	.F.	.F.	.F.		114
09/11/90	34723	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	1.0	1.0	0	0.0	.F.	.F.	.F.		107
09/11/90	34724	B08060	A2949	6	ELW101	NON-RCRA (WTP,OIL,SOAP,GREASE-CONTAMINATED E-1	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	L	
09/11/90	34725	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1850	1.2	0.2	0	0.0	.F.	.F.	.F.		107
09/11/90	34726	5		2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	602	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
09/12/90	34727	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1900	4.0	1.0	0	0.0	.F.	.F.	.F.		114
09/12/90	34728	A09000		A09000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	700	6.0	0.8	0	0.0	.F.	.F.	.F.		114
09/12/90	34729	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	0	1850	16.0	0.2	0	0.0	.F.	.F.	.F.		112
09/12/90	34730	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	1.0	0.8	0	0.0	.F.	.F.	.F.		107
09/12/90	34731	B08060	A2950	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
09/12/90	34732	5		2	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1100	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
09/13/90	34733	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8300	4.0	1.0	0	0.0	.F.	.F.	.F.		107
09/13/90	34734	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	1700	0	0.0	0.0	0	8.0	.F.	.F.	.F.	B	

WASTE RECEIPTS
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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BSW	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/13/90	34735	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/13/90	34736	R07450		8	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	0	4400	0.0	0.0	0	8.0	.F.	.F.	.F.		8
09/13/90	34737	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	1.4	0.8	0	0.0	.F.	.F.	.F.		107
09/13/90	34738	B08045	A2961	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		5000	0	0.0	0.0	0	6.0	.F.	.F.	.F.	111	
09/13/90	34739	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.2	0.2	0	0.0	.F.	.F.	.F.		107
09/13/90	34740	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	3002	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
09/13/90	34741	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1900	1.2	0.2	0	0.0	.F.	.F.	.F.		107
09/13/90	34742	B08050	A2971	8	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3800	0	0.0	0.0	0	8.0	.F.	.T.	.T.	M	
09/13/90	34743	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2300	1.9	0.0	0	0.0	.F.	.F.	.F.		107
09/14/90	34744	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1500	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/14/90	34745	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	1.0	1.0	0	0.0	.F.	.F.	.F.		107
09/14/90	34746	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	4800	1.0	0.0	0	0.0	.F.	.F.	.F.		107
09/14/90	34747	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1950	9.0	0.0	0	0.0	.F.	.F.	.F.		114
09/14/90	34748	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	4400	0	0.0	0.0	0	9.0	.F.	.F.	.F.	109	
09/14/90	34749	B08040	A2994	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1300	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
09/14/90	34750	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1500	0.2	0.2	0	0.0	.F.	.F.	.F.		107
09/14/90	34751	B08060	A2968	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	6.0	.F.	.T.	.T.	110	
09/14/90	34752	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	736	0	0.0	0.0	0	0.0	.F.	.F.	.F.	109	
09/15/90	34753	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	1952	0	0.0	0.0	0	0.0	.F.	.F.	.F.	105	
09/15/90	34754	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	593	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	
09/16/90	34755	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	1750	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	
09/16/90	34756	B08010	A2957	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		4800	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	

WASTE RECEIPTS
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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/16/90	34757	B03088	A2958	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		3800	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	
09/17/90	34758	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2400	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
09/17/90	34759	I10020		J03400	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	6142	1.0	0.2	0	0.0	.F.	.F.	.F.		107
09/17/90	34760	B08050	A2999	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	L	
09/17/90	34761	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	1950	0	0.8	0.2	0	0.0	.F.	.F.	.F.	107	
09/17/90	34762	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	2000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	B	
09/17/90	34763	B08060	A2993	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.T.	L/M/164	
09/17/90	34764	1	17441	1	ELW104	WATER W/PHENOL - NON-RCRA WASTE LIQUID	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	164	
09/17/90	34765	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1825	3.0	0.2	0	0.0	.F.	.F.	.F.		107
09/17/90	34766	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1950	3.0	0.2	0	0.0	.F.	.F.	.F.		107
09/18/90	34767	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3300	1.2	0.2	0	0.0	.F.	.F.	.F.		112
09/18/90	34768	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	600	0	0.0	0.0	0	8.0	.F.	.F.	.F.	E	
09/18/90	34769	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	2.4	0.2	0	0.0	.F.	.F.	.F.		107
09/18/90	34770	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1800	6.0	0.2	0	0.0	.F.	.F.	.F.		112
09/18/90	34771	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.T.	.F.	111	
09/18/90	34772	A09000		A09000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	500	2.0	2.0	0	0.0	.F.	.F.	.F.		112
09/18/90	34773	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	1.0	0.4	0	0.0	.F.	.F.	.F.		112
09/18/90	34774	B08040	A3016	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1250	0	0.0	0.0	0	8.0	.F.	.T.	.F.	M	
09/19/90	34775	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	30.0	0.6	0	0.0	.F.	.F.	.F.		J
09/19/90	34776	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1300	0	0.0	0.0	0	5.0	.F.	.F.	.F.	109	
09/19/90	34777	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1700	1.6	0.2	0	0.0	.F.	.F.	.F.		107
09/19/90	34778	B08070	A3012	6	ULW013	HAZARDOUS WASTE LIQUID (WATER,OIL) ALKALINE (B)	DW		2500	0	0.0	0.0	0	11.8	.F.	.F.	.F.	M	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/19/90	34779	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	5.0	0.4	0	0.0	.F.	.F.	.F.		107
09/19/90	34780	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	1.4	1.4	0	0.0	.F.	.F.	.F.		107
09/20/90	34781	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	1.2	0.4	0	0.0	.F.	.F.	.F.		107
09/20/90	34782	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	7.0	0.3	0	0.0	.F.	.F.	.F.		107
09/20/90	34783	B03045	A3013	6	ULW020	NON-REGULATED WASTE (WATER,OIL) (E-1)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	164	
09/20/90	34784	B08040	A3038	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1200	0	0.0	0.0	0	9.0	.F.	.F.	.F.	164	
09/20/90	34785	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3400	0.2	0.2	0	0.0	.F.	.F.	.F.		107
09/20/90	34786	B03060	A3007	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT PORTLND (E-2)	DW		4700	0	0.0	0.0	0	8.0	.F.	.F.	.T.	M	
09/20/90	34787	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1850	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/20/90	34788	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	1700	300	20.0	0.4	0	7.0	.F.	.F.	.F.	105	112
09/20/90	34789	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	0.2	0.2	0	0.0	.F.	.F.	.F.		107
09/21/90	34790	A03000		A03000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	15	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	
09/21/90	34791	V04000		V04000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	4600	8.0	0.4	0	0.0	.F.	.F.	.F.		107
09/21/90	34792	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8400	2.0	0.6	0	0.0	.F.	.F.	.F.		107
09/21/90	34793	F10500		F10500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2400	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	
09/21/90	34794	F15500		F15500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2300	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
09/21/90	34795	B08050	A3057	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3800	0	0.0	0.0	0	9.0	.F.	.T.	.T.	164	
09/21/90	34796	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
09/21/90	34797	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1950	4.0	0.2	0	0.0	.F.	.F.	.F.		107
09/21/90	34798	F10500		F10500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
09/21/90	34799	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2300	0.8	0.8	0	0.0	.F.	.F.	.F.		107
09/21/90	34800	B08050	A3056	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	164	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/21/90	34801	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	5.0	0.2	0	0.0	.F.	.F.	.F.		107
09/21/90	34802	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	9.0	.T.	.T.	.F.	111	
09/21/90	34803	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8400	0.8	0.6	0	0.0	.F.	.F.	.F.		107
09/21/90	34804	F05650		F05650	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	100	0.2	0.2	0	0.0	.F.	.F.	.F.		114
09/24/90	34805	K02500		8	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
09/24/90	34806	K02500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	3000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
09/24/90	34807	F10500		F10500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
09/24/90	34808	B08060	A3008	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.T.	.T.	110	
09/24/90	34809	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2650	4.0	0.0	0	0.0	.F.	.F.	.F.		107
09/24/90	34810	C01030		A05000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
09/24/90	34811	1	17453	6	ELW104	WATER W/PHENOL - NON-RCRA WASTE LIQUID	DW		5000	0	0.0	0.0	0	9.0	.F.	.F.	.T.	110	
09/24/90	34812	W15000		6	ULW105	OIL IN H2O BSW 85% THERM CHEM TREAT	NH	N	1850	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
09/24/90	34813	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1950	5.0	0.4	0	0.0	.F.	.F.	.F.		107
09/24/90	34814	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.2	0.2	0	0.0	.F.	.F.	.F.		107
09/24/90	34815	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1950	8.0	0.0	0	0.0	.F.	.F.	.F.		107
09/24/90	34816	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2650	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/25/90	34817	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	12.0	0.2	0	0.0	.F.	.F.	.F.		107
09/25/90	34818	B08040	A3055	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	164	
09/25/90	34819	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	2500	0	0.0	0.0	0	7.0	.F.	.F.	.F.	E	
09/25/90	34820	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	4.0	0.6	0	0.0	.F.	.F.	.F.		107
09/25/90	34821	L09000		L09000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1100	0	0.0	0.0	0	7.0	.F.	.F.	.F.	B	
09/25/90	34822	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2600	10.0	0.4	0	0.0	.F.	.F.	.F.		112

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DATE	PECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/25/90	34823	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	1850	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/26/90	34824	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	400	0	16.0	0.2	0	0.0	.F.	.F.	.F.	112	
09/26/90	34825	A09200		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	B	
09/26/90	34826	LC6000		LC6000	ULW100	OIL IN H2O BS# > 85% THERM CHEM TREAT	NH	N	250	0	30.0	3.0	0	0.0	.F.	.F.	.F.	K	
09/26/90	34827	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	1650	9.0	0.2	0	0.0	.F.	.F.	.F.		112
09/26/90	34828	F16000		F16000	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	3000	5.0	0.4	0	0.0	.F.	.F.	.F.		107
09/26/90	34829	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	2100	0.2	0.2	0	0.0	.F.	.F.	.F.		G
09/26/90	34830	B06060	A8033	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-'	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	L	
09/26/90	34831	1	17433	6	ELW104	WATER W/PHENOL - NON-PCPA WASTE LIQUID	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	L/M	
09/26/90	34832	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	2600	7.0	0.2	0	0.0	.F.	.F.	.F.		G
09/27/90	34833	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	1350	1.0	1.0	0	0.0	.F.	.F.	.F.		107
09/27/90	34834	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	1350	2.4	0.2	0	0.0	.F.	.F.	.F.		107
09/27/90	34835	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	2350	4.0	0.6	0	0.0	.F.	.F.	.F.		107
09/27/90	34836	F16000		F16000	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	3200	1.0	1.0	0	0.0	.F.	.F.	.F.		107
09/27/90	34837	W04000		W04000	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.T.	.F.	111	
09/27/90	34838	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	2500	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/27/90	34839	B08060	A3070	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (6-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.T.	.T.	M	
09/27/90	34840	12		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	800	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
09/27/90	34841	W08000		9	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
09/27/90	34842	F16000		F16000	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	3300	10.0	0.4	0	0.0	.F.	.F.	.F.		107
09/27/90	34843	9		9	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	2000	3.0	0.4	0	0.0	.F.	.F.	.F.		107
09/27/90	34844	A09000		A09000	MLO100	MIXED OIL BS# 0% TO 12%	NH	N	0	1225	0.4	0.4	0	0.0	.F.	.F.	.F.		107
09/28/90	34845	9		9	MLO110	OIL/WATER BS# 13% TO 30%	NH	N	0	1800	20.0	2.0	0	0.0	.F.	.F.	.F.		164

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
09/23/90	34846	B08040	A3074	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
09/26/90	34847	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	7300	4.0	0.4	0	0.0	.F.	.F.	.F.		107
09/26/90	34848	B08060	A3097	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.T.	M	
09/28/90	34849	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2650	4.0	0.2	0	0.0	.F.	.F.	.F.		107
09/28/90	34850	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1500	1.6	0.4	0	0.0	.F.	.F.	.F.		J
09/29/90	34851	B08010	A3054	6	ELW105	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) F-2	DW		2100	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
10/01/90	34852	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2650	0.2	0.2	0	0.0	.F.	.F.	.F.		112
10/01/90	34853	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	725	0.4	0.4	0	0.0	.F.	.F.	.F.		112
10/01/90	34854	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1500	0	80.0	1.0	0	0.0	.F.	.F.	.F.	K	
10/01/90	34855	9		9	MLO110	OIL/WATER BSW 13% TO 50%	NH	N	0	2050	18.0	0.4	0	0.0	.F.	.F.	.F.		K
10/01/90	34856	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2300	4.0	0.2	0	0.0	.F.	.F.	.F.		107
10/01/90	34857	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2650	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/01/90	34859	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2250	4.0	0.6	0	0.0	.F.	.F.	.F.		107
10/01/90	34859	B08050	A3133	6	ELW101	NON-RCRA (WTR,OIL,SOAP,GREASE-CONTAMINATED E-1	DW		4700	0	0.0	0.0	0	9.0	.F.	.F.	.F.	164	
10/02/90	34860	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1975	0.6	0.6	0	0.0	.F.	.F.	.F.		107
10/02/90	34861	B08040	A3127	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		600	0	0.0	0.0	0	8.0	.F.	.F.	.F.	M	
10/02/90	34862	V04000		V04000	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
10/02/90	34863	B08060	A3120	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
10/02/90	34864	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2375	0.6	0.6	0	0.0	.F.	.F.	.F.		107
10/02/90	34865	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	5.0	0.2	0	0.0	.F.	.F.	.F.		112
10/02/90	34866	B08050	A3136	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3400	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	

WASTE RECEIPTS
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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/02/90	34867	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	0.4	0.4	0	0.0	.F.	.F.	.F.		107
10/02/90	34868	VOID	VOID	VOID	VOID				0	0	0.0	0.0	0	0.0	.F.	.F.	.F.	VOID	VOID
10/02/90	34869	AC5000		AC5000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2400	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/03/90	34870	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	1.4	0.4	0	0.0	.F.	.F.	.F.		107
10/03/90	34871	W15001	19243	6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH		5000	0	0.0	0.0	0	4.7	.F.	.F.	.F.	110	
10/03/90	34872	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1325	10.0	0.2	0	0.0	.F.	.F.	.F.		K
10/03/90	34873	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	7100	1.2	1.2	0	0.0	.F.	.F.	.F.		107
10/03/90	34874	P23400		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	300	0	0.0	0.0	0	9.0	.F.	.T.	.F.	110	
10/03/90	34875	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3600	1.0	0.2	0	0.0	.F.	.F.	.F.		107
10/03/90	34876	BC6040	AC141	6	ULW019	NON-REGULATED WASTE (WATER,OIL, P-D)	SW		250	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/03/90	34877	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3450	0.6	0.6	0	0.0	.F.	.F.	.F.		107
10/03/90	34878	AC6000		AC6000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/04/90	34879	BC6050	AC139	6	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	300	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/04/90	34880	AC9000		AC9000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	1300	0	0.0	0.0	0	5.0	.F.	.F.	.F.	D	
10/04/90	34881	AC6000		AC6000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	109	
10/04/90	34882	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	12.0	0.6	0	0.0	.F.	.F.	.F.		C
10/04/90	34883	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1955	8.0	0.4	0	0.0	.F.	.F.	.F.		C
10/04/90	34884	VOID	VOID	VOID	VOID				0	0	0.0	0.0	0	0.0	.F.	.F.	.F.	VOID	VOID
10/04/90	34885	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	12.0	0.2	0	0.2	.F.	.F.	.F.		C
10/04/90	34886	9		9	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	2125	0	34.0	0.2	0	0.0	.F.	.F.	.F.	110	
10/05/90	34887	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	175	1850	9.0	0.6	0	5.0	.F.	.F.	.F.	J	111
10/05/90	34888	AC9000		AC9000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	250	2.0	0.2	0	0.0	.F.	.F.	.F.		107
10/05/90	34889	9		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1543	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/05/90	34890	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	111	
10/15/90	34891	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1300	0	50.0	0.6	0	10.0	.F.	.F.	.F.	110	
10/05/90	34892	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1350	0.8	0.8	0	0.0	.F.	.F.	.F.		107
10/05/90	34893	B08060	A3121	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.T.	110	
10/05/90	34894	B08040	A3172	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1500	0	0.0	0.0	0	6.0	.F.	.F.	.F.	110	
10/05/90	34895	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1950	0.6	0.6	0	0.0	.F.	.F.	.F.		107
10/06/90	34896	B08010	A3174	6	ELW105	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) F-2	DW		2650	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/08/90	34897	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/08/90	34898	E10100	10148	409000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH		350	0	0.0	0.0	0	8.0	.F.	.F.	.F.	L	
10/08/90	34899	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	1.2	0.4	0	0.0	.F.	.F.	.F.		107
10/08/90	34900	B08060	A3142	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.T.	L	
10/08/90	34901	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/08/90	34902	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	8.0	8.0	0	0.0	.F.	.F.	.F.		J
10/08/90	34903	B08020	A3131	6	ELW105	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) F-2	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/08/90	34904	B08020	A3132	6	ELW105	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) F-2	DW		3000	0	0.0	0.0	0	5.6	.F.	.F.	.F.	105	
10/08/90	34905	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	2.0	0.2	0	0.0	.F.	.F.	.F.		107
10/08/90	34906	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1750	1.0	0.2	0	0.0	.F.	.F.	.F.		107
10/08/90	34907	P07500		P07500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2770	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105/109	
10/09/90	34908	B08050	A3201	6	ELW101	NON-RCRA (WTR,OIL,SOAP,GREASE-CONTAMINATED E-1	DW		5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	M	
10/09/90	34909	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.6	0.2	0	0.0	.F.	.F.	.F.		107
10/09/90	34910	F10500		F10500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	109	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/09/90	34911	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.4	0.2	0	0.0	.F.	.F.	.F.		107
10/09/90	34912	9		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	726	0	0.0	0.0	0	5.0	.F.	.F.	.F.	109	
10/09/90	34913	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	9.0	0.2	0	0.0	.F.	.F.	.F.		107
10/09/90	34914	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2600	4.0	0.2	0	0.0	.F.	.F.	.F.		107
10/10/90	34915	A05000		A05000	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
10/10/90	34916	004150		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1900	0	0.0	0.0	0	7.0	.F.	.F.	.F.	109	
10/10/90	34917	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/10/90	34918	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1300	12.4	0.4	0	0.0	.F.	.F.	.F.		107
10/10/90	34919	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	9300	1.4	0.8	0	0.0	.F.	.F.	.F.		107
10/10/90	34920	B03080	A8134	B	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
10/10/90	34921	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	5.0	0.2	0	0.0	.F.	.F.	.F.		107
10/10/90	34922	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	109	
10/10/90	34923	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1725	4.0	0.2	0	0.0	.F.	.F.	.F.		107
10/10/90	34924	9		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1650	0	20.0	6.0	0	0.0	.F.	.F.	.F.	164	
10/10/90	34925	B08040	A8207	B	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1500	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
10/11/90	34926	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8300	4.0	0.0	0	0.0	.F.	.F.	.F.		107
10/11/90	34927	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1100	0.8	0.8	0	0.0	.F.	.F.	.F.		107
10/11/90	34928	B08040	A8167	A05000	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2500	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
10/11/90	34929	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	6.0	0.2	0	0.0	.F.	.F.	.F.		107
10/11/90	34930	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2300	5.0	0.2	0	0.0	.F.	.F.	.F.		107
10/11/90	34931	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2075	4.0	0.2	0	0.0	.F.	.F.	.F.		107
10/11/90	34932	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	2.0	0.2	0	0.0	.F.	.F.	.F.		107
10/11/90	34933	004150		004150	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3500	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/11/90	34934	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1300	2.0	0.2	0	0.0	.F.	.F.	.F.		107
10/12/90	34935	R07500		A07500	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	1800	0	0.0	0.0	0	8.0	.F.	.F.	.F.	B	
10/12/90	34936	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1075	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/12/90	34937	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105/104	
10/12/90	34938	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2650	2.8	0.2	0	0.0	.F.	.F.	.F.		107
10/12/90	34939	B08060	A3195	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	L	
10/12/90	34940	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	3.0	0.2	0	0.0	.F.	.F.	.F.		112
10/12/90	34941	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1800	0	0.0	0.0	0	0.0	.F.	.F.	.F.	105	
10/12/90	34942	B08040	A3212	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1800	0	0.0	0.0	0	8.0	.F.	.F.	.F.	M	
10/12/90	34943	B08070	A3175	6	ELW046	HAZARDOUS WASTE LIQUID (SKYDROL) ARWASNY (F-2)	DW		4700	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
10/12/90	34944	B08070	A3209	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2	DW		2700	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
10/12/90	34945	A09000		A09000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	705	0	20.0	0.4	0	0.0	.F.	.F.	.F.	104	
10/12/90	34946	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2800	0.2	0.2	0	0.0	.F.	.F.	.F.		112
10/12/90	34947	B08050	A3232	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	M	
10/12/90	34948	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1100	0.4	0.4	0	0.0	.F.	.F.	.F.		107
10/13/90	34949	B08050	A3224	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		1000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	109	
10/13/90	34950	V04000		V04000	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	109	
10/13/90	34951	B08050	A3225	6	ELW101	NON-RCRA (WTR,OIL,SOAP,GREASE-CONTAMINATED E-1	DW		4700	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
10/15/90	34952	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	30.0	0.2	0	0.0	.F.	.F.	.F.		164
10/15/90	34953	9		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	300	0	40.0	0.2	0	0.0	.F.	.F.	.F.	164	
10/15/90	34954	A09000		A09000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	300	0	0.0	0.0	0	5.0	.F.	.F.	.F.	109	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/15/90	34955	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2250	0.2	0.2	0	0.0	.F.	.F.	.F.		112
10/15/90	34956	1	17549	6	ELW104	WATER W/PHENOL - NON-RCRA WASTE LIQUID	DW	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
10/15/90	34957	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2025	1.4	0.2	0	0.0	.F.	.F.	.F.		112
10/15/90	34958	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	700	0	0.0	0.0	0	6.0	.F.	.F.	.T.	110	
10/15/90	34959	B08040	A3262	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2000	0	0.0	0.0	0	6.0	.F.	.F.	.F.	110	
10/15/90	34960	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8200	5.0	0.6	0	0.0	.F.	.F.	.F.		107
10/15/90	34961	VOID	VOID	VOID	VOID				0	0	0.0	0.0	0	0.0	.F.	.F.	.F.	VOID	VOID
10/15/90	34962	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	1.2	0.2	0	0.0	.F.	.F.	.F.		107
10/15/90	34963	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2400	1.0	0.2	0	0.0	.F.	.F.	.F.		107
10/16/90	34964	B08060	A3250	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.T.	110	
10/16/90	34965	P11650		6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	700	0	1.0	1.0	0	7.0	.F.	.F.	.F.	110	
10/16/90	34966	B05060	A3256	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		1200	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
10/16/90	34967	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.1	0.1	0	6.0	.F.	.F.	.F.	105	
10/16/90	34968	M16000		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1634	1.4	0.4	0	0.0	.F.	.F.	.F.		107
10/16/90	34969	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	650	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/16/90	34970	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	0.7	0.1	0	0.0	.F.	.F.	.F.		107
10/17/90	34971	M16000		M16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	535	1.6	0.4	0	0.0	.F.	.F.	.F.		107
10/17/90	34972	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	1.2	0.2	0	0.0	.F.	.F.	.F.		107
10/17/90	34973	V04000		V04000	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	111	
10/17/90	34974	B03045	A3267	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
10/17/90	34975	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	3.0	0.2	0	0.0	.F.	.F.	.F.		107
10/17/90	34976	W15000		6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	1800	0	0.0	0.0	0	6.9	.F.	.F.	.F.	111	

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10/17/90	34977	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.1	0.1	0	0.0	.F.	.F.	.F.		107
10/17/90	34978	1	17562	6	ELW104	WATER W/PHENOL - NON-RCRA WASTE LIQUID	DW		5000	0	0.0	0.0	0	6.0	.F.	.F.	.T.	L	
10/17/90	34979	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2300	1.0	1.0	0	0.0	.F.	.F.	.F.		107
10/17/90	34980	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	625	1.8	0.2	0	0.0	.F.	.F.	.F.		107
10/18/90	34981	M03100		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	700	0	0.0	0.0	0	8.0	.F.	.F.	.T.	110	
10/18/90	34982	AC5000		AC5000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1300	0	0.0	0.0	0	7.0	.F.	.F.	.F.	109	
10/18/90	34983	BG8040	A3249	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
10/18/90	34984	BG8050	A3283	8	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		3750	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
10/18/90	34985	AC5000		AC5000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	850	0	80.0	8.0	0	7.0	.F.	.F.	.F.	110	
10/18/90	34986	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	2050	0	8.0	0.8	0	0.0	.F.	.F.	.F.	J	
10/18/90	34987	AC9000	10133	AC9000	ULW100	NON HAZARDOUS WASTEWATER	NH		2500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
10/18/90	34988	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	400	8.0	0.8	0	0.0	.F.	.F.	.F.		J
10/18/90	34989	PC7500		PC7500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2650	0	0.0	0.0	0	7.0	.F.	.F.	.F.	109,111	
10/18/90	34990	AC5000		AC5000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	8.2	.F.	.F.	.F.	111	
10/19/90	34991	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	10.0	0.8	0	0.0	.F.	.F.	.F.		J
10/19/90	34992	9		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
10/19/90	34993	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1700	0.4	0.4	0	0.0	.F.	.F.	.F.		107
10/19/90	34994	BG8060	A3251	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	9.0	.F.	.T.	.T.	110	
10/19/90	34995	BG8050	A3238	8	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
10/19/90	34996	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	675	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/19/90	34997	004150		AC5000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
10/19/90	34998	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1350	1.0	0.2	0	0.0	.F.	.F.	.F.		107

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10/19/90	34993	B08040	A3291	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		700	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
10/22/90	35000	F16000		F16000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8300	1.0	1.0	0	0.0	.F.	.F.	.F.		107
10/22/90	35001	L08000		L08000	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	700	0	90.0	0.2	0	6.0	.F.	.F.	.F.	B	
10/22/90	35002	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	0	2075	20.0	0.4	0	0.0	.F.	.F.	.F.		K
10/22/90	35003	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2300	2.2	0.4	0	0.0	.F.	.F.	.F.		107
10/22/90	35004	P07450		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
10/22/90	35005	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2250	3.0	0.4	0	0.0	.F.	.F.	.F.		107
10/22/90	35006	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1325	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/23/90	35007	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2125	0.6	0.2	0	0.0	.F.	.F.	.F.		107
10/23/90	35008	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	767	8.0	0.2	0	0.0	.F.	.F.	.F.		K
10/23/90	35009	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1900	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/23/90	35010	W04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	109	
10/23/90	35011	P07450		6	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
10/23/90	35012	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	0	1850	20.0	0.2	0	0.0	.F.	.F.	.F.		K
10/23/90	35013	B08060	A3313	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
10/23/90	35014	L08000		L08000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	700	0	60.0	9.0	0	0.0	.F.	.F.	.F.	107	
10/23/90	35015	B08040	A3323	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2500	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
10/23/90	35016	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2400	0.4	0.4	0	0.0	.F.	.F.	.F.		107
10/23/90	35017	P07500		P07500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1448	0	0.0	0.0	0	7.0	.F.	.F.	.F.	109	
10/23/90	35018	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	0.6	0.2	0	0.0	.F.	.F.	.F.		107
10/24/90	35019	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	0.6	0.6	0	0.0	.F.	.F.	.F.		107
10/24/90	35020	B08050	A3327	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	109	

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10/24/90	35021	P24400		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	950	0	0.0	0.0	0	3.9	.F.	.F.	.F.	L	
10/24/90	35022	B08060	A3320	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DK		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	L	
10/24/90	35023	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2300	0.6	0.6	0	0.0	.F.	.F.	.F.		107
10/24/90	35024	B09045	A3334	6	MLO016	WASTE COMBUSTIBLE LIQUID (F2)	DK		5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
10/24/90	35025	B08050	A3333	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DK		3300	0	0.0	0.0	0	8.0	.F.	.F.	.T.	L/M	
10/24/90	35026	B08050	A3332	6	ELW105	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) F-2	DK		1100	0	4.0	4.0	0	8.0	.F.	.F.	.F.	M	
10/24/90	35027	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2400	2.4	0.2	0	0.0	.F.	.F.	.F.		107
10/24/90	35028	C20400		A08475	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8048	10.0	0.4	0	0.0	.F.	.F.	.F.		107
10/25/90	35029	B08045	A3335	6	MLO016	WASTE COMBUSTIBLE LIQUID (F2)	DK		5000	0	0.0	0.0	0	0.0	.F.	.F.	.F.	111	
10/25/90	35030	B03050	A3348	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (E-2)	DK		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	111	
10/25/90	35031	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2575	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/25/90	35032	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2480	0.8	0.8	0	0.0	.F.	.F.	.F.		107
10/25/90	35033	B08045	A3337	6	MLO016	WASTE COMBUSTIBLE LIQUID (F2)	DK		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
10/25/90	35034	B09040	A3312	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DK		1100	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
10/25/90	35035	A09000		A03000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	900	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
10/25/90	35036	B09045	A3336	6	MLO016	WASTE COMBUSTIBLE LIQUID (F2)	DK		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
10/25/90	35037	1	2363	6	ULW104				4500	0	0.0	0.0	0	7.0	.F.	.F.	.T.	110	
10/25/90	35038	B03050	A3350	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DK		4800	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
10/25/90	35039	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	105	
10/25/90	35040	A05000		A05000	ULW105	OIL IN H2O BSW - 85% THERM CHEM TREAT	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
10/25/90	35041	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	3.0	0.2	0	0.0	.F.	.F.	.F.		107

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10/25/90	35042	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	700	1350	35.0	0.2	0	0.0	.F.	.F.	.F.	B	B
10/25/90	35043	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	0.6	0.6	0	0.0	.F.	.F.	.F.		107
10/25/90	35044	R07450		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	3925	0	0.0	0.0	0	8.0	.F.	.T.	.F.	M	
10/25/90	35045	A09000		A09000	ULW105	OIL IN HOH BSW > 65% THERM CHEM TREAT	NH	N	3500	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
10/25/90	35046	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1200	1.0	1.0	0	0.0	.F.	.F.	.F.		107
10/26/90	35047	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2075	4.0	0.2	0	0.0	.F.	.F.	.F.		107
10/26/90	35048	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	0.4	0.4	0	0.0	.F.	.F.	.F.		107
10/26/90	35049	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1300	1.4	0.2	0	0.0	.F.	.F.	.F.		107
10/26/90	35050	L08000		L08000	ULW105	OIL IN HOH BSW > 65% THERM CHEM TREAT	NH	N	700	0	0.8	0.8	0	5.8	.F.	.F.	.F.	H	
10/27/90	35051	B05010	A3340	6	ELW105	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) F-2	DW		4500	0	0.2	0.2	0	5.0	.F.	.F.	.F.	107	
10/29/90	35052	K05500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	1000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	H	
10/29/90	35053	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	50	0	0.8	0.8	0	4.4	.F.	.F.	.F.	109	
10/29/90	35054	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1237	1.2	0.2	0	0.0	.F.	.F.	.F.		107
10/29/90	35055	B08060	A3321	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	L	
10/29/90	35056	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	100	0	30.0	0.3	0	0.0	.F.	.F.	.F.	K	
10/30/90	35057	VOID	VOID	VOID	VOID				0	0	0.0	0.0	0	0.0	.F.	.F.	.F.	VOID	VOID
10/30/90	35058	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	1.0	0.0	0	0.0	.F.	.F.	.F.		107
10/30/90	35059	R07450		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
10/30/90	35060	A05000		A05000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	100	2.0	0.2	0	0.0	.F.	.F.	.F.		107
10/30/90	35061	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	J	
10/31/90	35062	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2075	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/31/90	35063	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1615	0.4	0.4	0	0.0	.F.	.F.	.F.		107

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
10/31/90	35064	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1350	0.2	0.2	0	0.0	.F.	.F.	.F.		107
10/31/90	35065	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	2530	0	0.0	0.0	0	6.0	.F.	.F.	.F.	C	
10/31/90	35066	B08060	A3376	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
10/31/90	35067	R07450		6	ELE160	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
10/31/90	35068	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1350	1.0	1.0	0	0.0	.F.	.F.	.F.		107
10/31/90	35069	M18000		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1333	1.0	1.0	0	0.0	.F.	.F.	.F.		114
10/31/90	35070	1	17513	6	ELW104	WATER W/PHENOL - NON-PCB'S WASTE LIQUID	DW		5000	0	0.0	0.0	0	6.0	.F.	.F.	.T.	110	
10/31/90	35071	7		7	ULW100	NON HAZARDOUS WASTEWATER	NH	N	400	0	0.0	0.0	0	0.0	.F.	.F.	.F.	109	
10/31/90	35072	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	800	0	0.0	0.0	0	0.0	.F.	.F.	.F.	109	
10/31/90	35073	M18000		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	810	1.0	1.0	0	0.0	.F.	.F.	.F.		114
10/31/90	35074	A08200		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT NON HAZARDOUS)	NH	N	4800	0	0.0	0.0	0	9.0	.F.	.F.	.F.	H	
11/01/90	35075	L08000		L08000	ULW100	OIL IN H2O BSW - BSW THERM CHEM TREAT	NH	N	2800	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
11/01/90	35076	A08000		A08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	109	
11/01/90	35077	P08850		P08850	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	100	0.2	0.2	0	0.0	.F.	.F.	.F.		107
11/01/90	35078	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	6.0	0.4	0	0.0	.F.	.F.	.F.		107
11/01/90	35079	B08040	A3370	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1300	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
11/01/90	35080	A09000		A09000	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	900	1.4	1.4	0	0.0	.F.	.F.	.F.		107
11/01/90	35081	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	0.2	0.2	0	0.0	.F.	.F.	.F.		107
11/01/90	35082	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	109	
11/01/90	35083	9		9	MLO110	OIL/WATER BSW 13% TO 30%	NH	N	410	1640	20.0	0.4	0	0.0	.F.	.F.	.F.	107	107
11/01/90	35084	J04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	15.0	15.0	0	9.0	.F.	.F.	.F.	D	
11/01/90	35085	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1650	2.2	0.2	0	0.0	.F.	.F.	.F.		107

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/01/90	35086	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1135	4.0	0.2	0	0.0	.F.	.F.	.F.		107
11/02/90	35087	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1900	10.0	0.2	0	0.0	.F.	.F.	.F.		107
11/02/90	35088	B08050	A3391	6	MLO003	HAZARDOUS WASTE LIQUID/AIOILE/FP>=200 DEG F(F1)	DW		0	100	2.2	1.0	0	0.0	.F.	.F.	.F.		107
11/02/90	35089	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2500	0	0.2	0.2	0	8.0	.F.	.F.	.F.	111	
11/02/90	35090	B09050	A3438	6	ULW013	HAZARDOUS WASTE LIQUID (WATER,OIL) ALKALINE (B)	DW		5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
11/02/90	35091	9		9	ULW010	OILY WATER - NON HAZARDOUS CHEM. TREAT COLD	NH	N	500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	111	
11/02/90	35092	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	10.0	.F.	.F.	.F.	108	
11/02/90	35093	B08060	A3379	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		8000	0	0.0	0.0	0	7.0	.F.	.F.	.T.	110	
11/02/90	35094	A09000		A09000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	109	
11/02/90	35095	B06050	A3457	A09000	ULW013	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
11/05/90	35096	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	1.0	0.2	0	0.0	.F.	.F.	.F.		107
11/05/90	35097	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1900	5.0	0.2	0	0.0	.F.	.F.	.F.		107
11/05/90	35098	B06050	A3463	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3000	0	0.0	0.0	0	9.0	.F.	.F.	.T.	110	
11/05/90	35099	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1950	0.2	0.2	0	0.0	.F.	.F.	.F.		112
11/05/90	35100	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	0.8	0.8	0	0.0	.F.	.F.	.F.		112
11/06/90	35101	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	427	40.0	0.2	0	0.0	.F.	.F.	.F.		D
11/06/90	35102	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2075	0.4	0.4	0	0.0	.F.	.F.	.F.		112
11/06/90	35103	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1500	0	0.0	0.0	0	7.2	.F.	.F.	.F.	105	
11/06/90	35104	B08020	A3430	6	ELW105	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) F-2	DW		5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	105	
11/06/90	35105	12		12	ULW100	NON HAZARDOUS WASTEWATER	NH	N	900	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
11/06/90	35106	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	4.0	0.2	0	0.0	.F.	.F.	.F.		112

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11/05/90	35107	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2100	0.4	0.4	0	0.0	.F.	.F.	.F.		112
11/06/90	35108	M16000		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	883	6.0	0.4	0	0.0	.F.	.F.	.F.		D
11/06/90	35109	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2050	10.0	0.2	0	0.0	.F.	.F.	.F.		D
11/06/90	35110	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2150	1.0	0.2	0	0.0	.F.	.F.	.F.		112
11/07/90	35111	B08050	A3486	6	BLW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	M	
11/07/90	35112	A09000		A09000	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	1075	1.4	0.2	0	0.0	.F.	.F.	.F.		112
11/07/90	35113	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2050	0.4	0.4	0	0.0	.F.	.F.	.F.		112
11/07/90	35114	M16000		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	280	2.0	0.6	0	0.0	.F.	.F.	.F.		112
11/07/90	35115	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2100	0.2	0.2	0	0.0	.F.	.F.	.F.		112
11/07/90	35116	B08060	A3472	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.T.	M	
11/07/90	35117	P07500		P07500	SLW100	NON HAZARDOUS WASTEWATER	NH	N	7017	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
11/07/90	35118	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2050	3.0	0.4	0	0.0	.F.	.F.	.F.		112
11/07/90	35119	W04000		6	SLW200	BOPON WASTEWATER - NON-HAZARDOUS	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	J	
11/07/90	35120	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	1600	4.0	1.0	0	0.0	.F.	.F.	.F.		112
11/07/90	35121	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2100	1.6	0.2	0	0.0	.F.	.F.	.F.		112
11/06/90	35122	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	500	0	0.0	0.0	0	7.0	.F.	.T.	.F.	110	
11/08/90	35123	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2000	8.0	0.2	0	0.0	.F.	.F.	.F.		110
11/08/90	35124	B08060	A3473	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		4300	0	0.0	0.0	0	5.0	.F.	.F.	.T.	110	
11/08/90	35125	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2450	0.2	0.2	0	0.0	.F.	.F.	.F.	112	
11/08/90	35126	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2000	2.8	0.2	0	0.0	.F.	.F.	.F.		107
11/08/90	35127	B06040	A3451	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2400	0	0.0	0.0	0	9.0	.F.	.F.	.F.	110	
11/08/90	35128	A09000		A09000	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	1100	6.0	0.4	0	0.0	.F.	.F.	.F.		112

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/03/90	35129	B06050	A5092	6	ULW009	NON-REGULATED (WTR,OIL,SOAP CONTAMINATED) F-2	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
11/03/90	35130	B06050	A5093	6	ULW009	NON-REGULATED (WTR,OIL,SOAP CONTAMINATED) F-2	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
11/03/90	35131	P23000		6	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	6000	1.6	1.2	0	0.0	.F.	.F.	.F.		112
11/03/90	35132	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	2.0	0.2	0	0.0	.F.	.F.	.F.		112
11/03/90	35133	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1570	8.0	0.4	0	0.0	.F.	.F.	.F.		112
11/03/90	35134	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	8.0	8.0	0	8.0	.F.	.F.	.F.	K	
11/03/90	35135	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	4.0	0.2	0	0.0	.F.	.F.	.F.		112
11/03/90	35136	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.2	0.2	0	0.0	.F.	.F.	.F.		112
11/03/90	35137	P23000		6	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	8000	0.8	0.8	0	0.0	.F.	.F.	.F.		112
11/03/90	35138	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2078	8.0	0.4	0	0.0	.F.	.F.	.F.		112
11/03/90	35139	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3500	0	0.8	0.8	0	8.0	.F.	.F.	.F.	111	
11/03/90	35140	B06050	A3523	6	ULW009	NON-REGULATED (WTR,OIL,SOAP CONTAMINATED) F-2	DW		5500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
11/03/90	35141	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1450	2.0	0.2	0	0.0	.F.	.F.	.F.		112
11/03/90	35142	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	900	0	0.0	0.0	0	7.0	.F.	.F.	.F.	112	
11/03/90	35143	B06050	A3530	6	ULW009	NON-REGULATED (WTR,OIL,SOAP CONTAMINATED) F-2	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
11/12/90	35144	A05500		6	ULW100	NON HAZARDOUS WASTEWATER	NH	N	900	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
11/12/90	35145	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1900	0.8	0.8	0	0.0	.F.	.F.	.F.		F
11/12/90	35146	B06010	A3540	6	ULW013	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
11/12/90	35147	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	1.0	0.8	0	0.0	.F.	.F.	.F.		F
11/11/90	35148	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3300	0	0.0	0.0	0	5.2	.F.	.F.	.F.	C	
11/12/90	35149	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2600	0	0.0	0.0	0	5.0	.F.	.F.	.F.	C/G	
11/12/90	35150	B08010		6	ULW013	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		1000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	

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11/12/90	35151	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.5	0.5	0	6.0	.F.	.F.	.F.	109	
11/13/90	35152	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2075	12.0	0.4	0	0.0	.F.	.F.	.F.		D
11/13/90	35153	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	1.0	1.0	0	5.0	.F.	.F.	.F.	111	
11/13/90	35154	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	15.0	15.0	0	9.0	.F.	.F.	.F.	C	
11/13/90	35155	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
11/13/90	35156	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	1025	0	4.0	0.2	0	0.0	.F.	.F.	.F.	112	
11/13/90	35157	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	1.0	1.0	0	0.0	.F.	.F.	.F.		112
11/13/90	35158	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	3.0	0.2	0	0.0	.F.	.F.	.F.		112
11/13/90	35159	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	4000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
11/13/90	35160	B08080	A3558	8	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.T.	M	
11/14/90	35161	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3375	12.0	0.2	0	0.0	.F.	.F.	.F.		J
11/14/90	35162	B08070	A3561	8	MLO213	NON-REGULATD (WATER/DIESEL FLASH 140F-200F) F-1	DW		5000	0	0.2	0.2	0	0.0	.F.	.F.	.F.	112	
11/14/90	35163	B08070	A3575	8	MLO213	NON-REGULATD (WATER/DIESEL FLASH 140F-200F) F-1	DW		5000	0	0.2	0.2	0	0.0	.F.	.F.	.F.	112/F	
11/14/90	35164	B09045	A3556	8	ULW213	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		3000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
11/14/90	35165	A15000		8	ULW105	OIL IN H2O BSW = 85% THERM CHEM TREAT	NH	N	3000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	111	
11/14/90	35166	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
11/14/90	35167	B08070	A3562	8	MLO213	NON-REGULATD (WATER/DIESEL FLASH 140F-200F) F-1	DW		5000	0	0.2	0.2	0	0.0	.F.	.F.	.F.	164	
11/14/90	35168A	B08070	A3573	A05000	MLO213	NON-REGULATD (WATER/DIESEL FLASH 140F-200F) F-1	DW		4500	0	10.0	0.2	0	0.0	.F.	.F.	.F.	164	
11/14/90	35168B	B08070	A3579	A05000	ULW213	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		500	0	10.0	0.2	0	0.0	.F.	.F.	.F.	164	
11/14/90	35169	B08050	A3574	8	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3800	0	0.0	0.0	0	8.0	.F.	.F.	.F.	L	
11/14/90	35170	P07500		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	2400	0	0.0	0.0	0	9.0	.F.	.F.	.F.	J	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/14/90	35171	K05500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	800	0	0.0	0.0	0	8.0	.F.	.F.	.T.	L	
11/15/90	35172	B08070	A3585	6	MLO23				1500	0	0.0	0.0	0	0.0	.F.	.F.	.F.	164	
11/15/90	35173	B08045	A3584	6	ELX049	NON-REGULATED (WATER,SKYDROL,OIL) (E-1)	DW		5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	164	
11/15/90	35174	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1300	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
11/15/90	35175	B08040	A3524	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	164	
11/15/90	35176	B08060	A3580	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.T.	164	
11/15/90	35177	W15000		6	ULW105	OIL IN HGH BSW) 85% THERM CHEM TREAT	NH	N	1350	0	0.0	0.0	0	8.0	.F.	.F.	.F.	105	
11/15/90	35178	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	1.0	1.0	0	7.0	.F.	.F.	.F.	105	
11/15/90	35179	B08050	A3580	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
11/15/90	35180	B08000	A3583	6	MLO013	NON-REGULATED WASTE (MINERAL OIL (E-1) AMIDI	DW		8000	0	30.0	0.6	0	0.0	.F.	.F.	.F.	L	
11/16/90	35181	N05500		N05500	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	111	
11/16/90	35182	12		A03000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	800	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
11/16/90	35183	B08020	A3566	6	ELX049	NON-REGULATED (WATER,SKYDROL,OIL) (E-1)	DW		950	0	0.6	0.6	0	8.5	.F.	.F.	.F.	M	
11/13/90	35184	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	3450	4.0	0.2	0	0.0	.F.	.F.	.F.		94
11/13/90	35185	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1850	6.0	0.2	0	0.0	.F.	.F.	.F.		94
11/19/90	35186	M00550		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	550	0	0.0	0.0	0	7.0	.F.	.F.	.F.	164	
11/19/90	35187	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	1.0	0.2	0	0.0	.F.	.F.	.F.		94
11/19/90	35188	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
11/19/90	35189	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
11/19/90	35190	B08085	A3571	B08085	MLO009	HAZARDOUS WASTE LIQUID/AIGILE/FP<=200 DEG F(F1)	DW		0	1650	0.4	0.4	0	0.0	.F.	.F.	.F.		94

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/19/90	35191	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	J	
11/19/90	35192	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2500	2.0	0.2	0	0.0	.F.	.F.	.F.		94
11/19/90	35193	B03010	A3608	6	MLO004			N	500	0	5.0	5.0	0	5.0	.F.	.F.	.F.	110	
11/19/90	35194	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	0.4	0.4	0	0.0	.F.	.F.	.F.		94
11/19/90	35195	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2600	0.4	0.4	0	0.0	.F.	.F.	.F.		94
11/19/90	35196	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	4.0	0.2	0	0.0	.F.	.F.	.F.		94
11/19/90	35197	R07500		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	2400	0	0.0	0.0	0	9.0	.F.	.F.	.F.	107	
11/20/90	35198	P28200	07331	6	MLO105	MIXED OIL >85% BSW THERM CHEM TREAT	DW	N	5000	0	1.6	0.2	0	0.0	.F.	.F.	.F.	84	
11/20/90	35199	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	7.4	.F.	.F.	.F.	109	
11/20/90	35200	B08060	A3631	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.T.	110	
11/20/90	35201	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2100	2.8	0.2	0	0.0	.F.	.F.	.F.		94
11/20/90	35202	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	7.0	0.2	0	0.0	.F.	.F.	.F.		94
11/20/90	35203	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	0.2	0.2	0	0.0	.F.	.F.	.F.		94
11/20/90	35204	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3200	0	0.0	0.0	0	7.0	.F.	.F.	.F.	A	
11/20/90	35205	B09060	A3621	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (F-2)	DW		20	0	0.0	0.0	0	10.8	.F.	.F.	.F.	104	
11/20/90	35206	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	2700	0	0.0	0.0	0	7.0	.F.	.F.	.F.	A	
11/20/90	35207	L03000		L03000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	500	0	0.2	0.2	0	7.0	.F.	.F.	.F.	109	
11/20/90	35208	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	1.6	0.1	0	0.0	.F.	.F.	.F.		94
11/21/90	35209	B08040	A3635	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	104	
11/21/90	35210	P28200	07332	6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH		5000	0	65.0	0.2	0	0.0	.F.	.F.	.F.	112	
11/21/90	35211	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	1.6	0.2	0	0.0	.F.	.F.	.F.		114
11/21/90	35212	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1500	0	4.0	4.0	0	7.6	.F.	.F.	.F.	109	
11/21/90	35213	B08050	A3623	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		5000	0	0.0	0.0	0	9.0	.F.	.F.	.F.	M	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/21/90	35214	VOID	VOID	VOID	VOID				0	0	0.0	0.0	0	0.0	.F.	.F.	.F.	VOID	VOID
11/21/90	35215	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	2.5	0.2	0	0.0	.F.	.F.	.F.		114
11/26/90	35216	V03080		J03400	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	4635	12.0	0.2	0	0.0	.F.	.F.	.F.		107
11/26/90	35217	P07500		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	500	0	0.0	0.0	0	5.0	.F.	.F.	.F.	C	
11/26/90	35218	B03000	A3682	6	ULW020	NON-REGULATED WASTE (WATER,OIL) (E-1)	DK		2000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	L	
11/26/90	35219	P23200	07993	6	ULW105	OIL IN H2O BSW > 85% THERM CHEM TREAT	NH		5000	0	52.0	0.2	0	0.0	.F.	.F.	.F.	112	
11/26/90	35220	V04000		6	ULW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	7.0	7.0	0	8.0	.F.	.F.	.F.	C	
11/26/90	35221	B08080	A3683	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DK		5000	0	0.0	0.0	0	7.0	.F.	.F.	.T.	110	
11/26/90	35222	A08000		A08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	110	
11/26/90	35223	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	4.0	0.2	0	0.0	.F.	.F.	.F.		114
11/26/90	35224	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1400	6.0	0.2	0	0.0	.F.	.F.	.F.		114
11/26/90	35225	A03000		A03000	ULW105	OIL IN H2O BSW > 85% THERM CHEM TREAT	NH	N	700	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
11/26/90	35226	B06050	A3681	6	ULW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DK		3700	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
11/26/90	35227	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.8	0.8	0	0.0	.F.	.F.	.F.		114
11/26/90	35228	L03000		L03000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1100	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
11/26/90	35229	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	F	
11/27/90	35230	K02500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	H	
11/27/90	35231	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	2.0	2.0	0	0.0	.F.	.F.	.F.	B	
11/27/90	35232	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	2.0	2.0	0	7.0	.F.	.F.	.F.	B/E	
11/27/90	35233	P23200		6	ULW105	OIL IN H2O BSW > 85% THERM CHEM TREAT	NH		4500	0	20.0	2.0	0	0.0	.F.	.F.	.F.	112	
11/27/90	35234	B08000	A3683	6	ULW019	NON-REGULATED WASTE (WATER,OIL) (E-2)	DK		800	0	0.5	0.5	0	7.0	.F.	.F.	.F.	105	
11/27/90	35235	K02500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH		4800	0	0.0	0.0	0	7.0	.F.	.F.	.F.	H/K	

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/27/90	35236	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	7.0	0.2	0	0.0	.F.	.F.	.F.		112
11/27/90	35237	B08045	A3702	6	ELW014	NON-REGULATED WASTE (WATER,OIL,JET FUEL) (F-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
11/27/90	35238	B08045	A3703	6	ELW014	NON-REGULATED WASTE (WATER,OIL,JET FUEL) (F-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
11/27/90	35239	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	3.0	0.2	0	0.0	.F.	.F.	.F.		114
11/27/90	35240	B08045	A3704	6	ELW014	NON-REGULATED WASTE (WATER,OIL,JET FUEL) (F-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
11/27/90	35241	B08045	A3705	6	ELW014	NON-REGULATED WASTE (WATER,OIL,JET FUEL) (F-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
11/27/90	35242	C20400		C20400	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	5027	5.0	0.2	0	0.0	.F.	.F.	.F.		114
11/27/90	35243	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	950	7.0	0.1	0	0.0	.F.	.F.	.F.		114
11/28/90	35244	B08050	A3708	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3500	0	0.0	0.0	0	9.0	.F.	.F.	.T.	L	
11/28/90	35245	P28200		6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	5133	0	5.0	1.0	0	0.0	.F.	.F.	.F.	114	
11/28/90	35246	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2150	2.0	0.2	0	0.0	.F.	.F.	.F.		114
11/28/90	35247	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2050	3.0	0.2	0	0.0	.F.	.F.	.F.		114
11/28/90	35248	M03100		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	650	0	0.0	0.0	0	7.0	.F.	.F.	.T.	E	
11/28/90	35249	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2400	0.2	0.2	0	0.0	.F.	.F.	.F.		114
11/28/90	35250	9		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	735	0	0.0	0.0	0	7.0	.F.	.F.	.F.	109	
11/28/90	35251	C31030		A05000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	J	
11/29/90	35252	12		12	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	1300	0	4.0	4.0	0	7.0	.F.	.F.	.F.	110	
11/29/90	35253	K05500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	500	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
11/29/90	35254	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	6.6	.F.	.F.	.F.	110	
11/29/90	35255	P28200		6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH		5118	0	5.0	1.0	0	0.0	.F.	.F.	.F.	94	
11/29/90	35256	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2075	0.2	0.2	0	0.0	.F.	.F.	.F.		114

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DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
11/29/90	35257	B08040	A3857	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		2500	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
11/29/90	35258	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	3450	12.0	0.2	0	0.0	.F.	.F.	.F.		112
11/29/90	35259	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2050	3.0	0.2	0	0.0	.F.	.F.	.F.		114
11/30/90	35260	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2025	1.2	0.2	0	0.0	.F.	.F.	.F.		114
11/30/90	35261	P28200	07337	6	OLW105	OIL IN HOH BS& > 35% THERM CHEM TREAT	NH		5146	0	1.0	1.0	0	0.0	.F.	.F.	.F.	94	
11/30/90	35262	V04000		6	OLW200	BORON WASTEWATER - NON HAZARDOUS	NH	N	5000	0	24.0	24.0	0	9.0	.F.	.F.	.F.	D	
11/30/90	35263	L08000		L03000	OLW100	NON HAZARDOUS WASTEWATER	NH	N	1400	0	0.0	0.0	0	8.0	.F.	.F.	.F.	111	
11/30/90	35264	12		12	OLW100	NON HAZARDOUS WASTEWATER	NH	N	1000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
11/30/90	35265	B02080	A3884	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT PORTLND (E-2)	DW		5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	110	
11/30/90	35266	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	3000	10.0	10.0	0	0.0	.F.	.F.	.F.		112
11/30/90	35267	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2000	0.2	0.2	0	0.0	.F.	.F.	.F.		94
11/30/90	35268	A05000		A05000	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	400	0	1.0	1.0	0	0.0	.F.	.F.	.F.	94	
11/30/90	35269	B03040	43755	6	OLW013	NON-REGULATED WASTE WATER,OIL (E-2)	DW		5000	0	0.0	0.0	0	5.0	.F.	.F.	.F.	111	
11/30/90	35270	C31000		A05000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	B	
12/03/90	35271	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2300	8.0	0.6	0	0.0	.F.	.F.	.F.		112
12/03/90	35272	B08050	A3763	6	OLW012	NON-REGULATED (WATER,OIL,SOAP) (E-1)	DW		4200	0	0.0	0.0	0	8.0	.F.	.F.	.F.	M	
12/03/90	35273	P28200	07338	6	OLW105	OIL IN HOH BS& > 35% THERM CHEM TREAT	NH		4834	0	1.0	1.0	0	0.0	.F.	.F.	.F.	94	
12/03/90	35274	A05000		A05000	OLW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	7.0	.F.	.F.	.F.	109	
12/03/90	35275	9		9	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	2075	3.0	0.2	0	0.0	.F.	.F.	.F.		114
12/03/90	35276	B08060	43756	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		4500	0	0.0	0.0	0	8.0	.F.	.F.	.T.	M/L	
12/03/90	35277	A09000		A09000	MLO100	MIXED OIL BS& 0% TO 12%	NH	N	0	860	6.0	6.0	0	0.0	.F.	.F.	.F.		114
12/03/90	35278	9		9	MLO110	OIL/WATER BS& 13% TO 30%	NH	N	0	2000	16.0	0.2	0	0.0	.F.	.F.	.F.		112

WASTE RECEIPTS
PIER 31

DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
12/03/90	35279	A09000		A09000	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	200	0	0.0	0.0	0	7.0	.F.	.F.	.F.	L	
12/03/90	35280	F05650		F05650	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	100	0.0	0.0	0	0.0	.F.	.F.	.F.		114
12/04/90	35281	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2150	0.0	0.0	0	0.0	.F.	.F.	.F.		114
12/04/90	35282	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	3700	0	0.0	0.0	0	7.0	.F.	.F.	.F.	111	
12/04/90	35283	B08040	A3763	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		1500	0	0.0	0.0	0	8.0	.F.	.F.	.F.	110	
12/04/90	35284	P25200	07999	6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH		4811	0	0.0	0.0	0	0.0	.F.	.F.	.F.	94	
12/04/90	35285	B08060	43757	6	ELE171	NON-REGULATED (WATER,OIL,COOLANT) PORTLND (E-2)	DW		3700	0	0.0	0.0	0	8.0	.F.	.F.	.T.	110	
12/04/90	35286	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	7.0	0.6	0	0.0	.F.	.F.	.F.		112
12/04/90	35287	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1700	1.2	0.2	0	0.0	.F.	.F.	.F.		114
12/04/90	35288	B06010	43750	6	ULW020	NON-REGULATED WASTE (WATER,OIL) (E-1)	DW		1300	0	0.0	0.0	0	7.0	.F.	.F.	.F.	M	
12/04/90	35289	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	0.8	0.6	0	0.0	.F.	.F.	.F.		114
12/04/90	35290	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1400	8.0	0.2	0	0.0	.F.	.F.	.F.		114
12/04/90	35291	R07450		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	5000	0	0.0	0.0	0	8.0	.F.	.F.	.F.	164	
12/04/90	35292	L08000		L08000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1600	0	60.0	0.0	0	7.0	.F.	.F.	.F.	107/105	
12/04/90	35293	9		9	ULW100	NON HAZARDOUS WASTEWATER	NH	N	1300	0	0.0	0.0	0	5.0	.F.	.F.	.F.	105	
12/05/90	35294	K05500		6	ELE100	EMULSIFIED OIL-MACHINE COOLANT (NON HAZARDOUS)	NH	N	600	0	0.0	0.0	0	7.0	.F.	.F.	.F.	H	
12/05/90	35295	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	220	0	30.0	1.0	0	0.0	.F.	.F.	.F.	112	
12/05/90	35296	P25300	08000	6	ULW105	OIL IN HOH BSW > 85% THERM CHEM TREAT	NH	N	5000	0	2.0	2.0	0	0.0	.F.	.F.	.F.	94	
12/05/90	35297	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2000	8.0	0.6	0	0.0	.F.	.F.	.F.		112
12/05/90	35298	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2200	0.6	0.6	0	0.0	.F.	.F.	.F.		114
12/05/90	35299	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	2450	10.0	0.6	0	0.0	.F.	.F.	.F.		112
12/05/90	35300	B08050	A3797	6	ELE110	NON-REGULATED (WATER,OIL,COOLANT) (E-1)	DW		3500	0	0.0	0.0	0	9.0	.F.	.F.	.T.	M	

WASTE RECEIPTS
PIER 91

DATE	RECEIPT	GENERATOR	MANIFEST	HAULER	WASTE CODE	WASTE TYPE	STA	TUS	GAL WASTE	GAL OIL	BS&W	%SOL	GALLONS	pH	PCB's	Cr	Phenol	WASTE TANK	OIL TANK
12/05/90	35301	A05000		A05000	ULW100	NON HAZARDOUS WASTEWATER	NH	N	5000	0	0.0	0.0	0	7.2	.F.	.F.	.F.	105	
12/05/90	35302	BG8010	43780	6	ELW107	NON-RCRA (WTR,OIL,GREASE-CONTAMINATED) E-1	DW		2600	0	0.0	0.0	0	5.0	.F.	.F.	.F.	M	
12/05/90	35303	1	17749	6	ELW104	WATER W/PHENOL - NON-RCRA WASTE LIQUID	DW		4500	0	0.0	0.0	0	0.0	.F.	.F.	.T.	L	
12/05/90	35304	9		9	MLO100	MIXED OIL BSW 0% TO 12%	NH	N	0	1300	0.2	0.2	0	0.0	.F.	.F.	.F.		114
*** Total ***									2522630	1482676			0						